UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

01/10/2007

Gary M Cohen Strafford Building Number Three Suite 300 125 Strafford Avenue Wayne, PA 19087-3318

EXAMINER					
FREJD, RUSSELL WARREN					
ART UNIT	PAPER NUMBER				

2128

DATE MAILED: 01/10/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/506 708	09/07/2004	Louis T. Klaudos ID	DENIDC2	3553

TITLE OF INVENTION: METHOD FOR DESIGNING GENERALIZED SPIRALS, BENDS, JOGS, AND WIGGLES FOR RAILROAD TRACKS AND VEHICLE GUIDEWAYS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	04/10/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

maintenance fee notifica	itions.		N.	ote: A certificate of	and/or (b) indicating a separation	or domestic mailings of the
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			Fe	Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.		
•	7590 '01/10	0/2007 .	ha			•
Suite 300	ng Number Three		I I St · ad tra	ereby certify that th	tificate of Mailing or Trans is Fee(s) Transmittal is being vith sufficient postage for fir I Stop ISSUE FEE address TO (571) 273-2885, on the d	a denocited with the United
125 Strafford Av Wayne, PA 1908						(Depositor's name)
, , , , , , , , , , , , , , , , , , , ,			_	•		(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	R	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/506,708	09/07/2004	•	Louis T. Klauder JR.		BENDS2	3553
TITLE OF INVENTION VEHICLE GUIDEWAY	I: METHOD FOR DESI S	IGNING GENERALIZE	D SPIRALS, BENDS, JO	OGS, AND WIGGL	ES FOR RAILROAD TRAC	CKS AND
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	. \$0	\$1000	04/10/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS	7		
FREJD, RUSSI	ELL WARREN .	2128	703-002000	_ .	· .	
"Fee Address" ind	ondence address or indication ondence address (or Cha B/122) attached. ication (or "Fee Address' 12 or more recent) attach	nge of Correspondence	2. For printing on the (1) the names of up or agents OR, alterna (2) the name of a sin registered attorney or 2 registered patent att	o 3 registered paten ively, the firm (having as a agent) and the name	member a 2es of up to	
Number is required.			listed, no name will b	e printed.	J	
PLEASE NOTE: Unl	ess an assignee is identi	A TO BE PRINTED ON This ified below, no assignee	data will appear on the	natent If an assion	ee is identified below, the de	ocument has been filed for
recordation as set fort (A) NAME OF ASSIG	n in 37 CFR 3.11. Comp	oletion of this form is NO	T a substitute for filing at (B) RESIDENCE: (CIT	assignment.		
(A) NAME OF ASSI			(B) RESIDENCE: (CIT	1 and STATE OR C	·	•
Please check the appropri	iate assignee category or	categories (will not be pr	inted on the patent):	Individual Co	rporation or other private gro	oup entity Government
4a. The following fee(s)	are submitted:	41	o. Payment of Fee(s): (Ple	ase first reapply an	y previously paid issue fee	shown above)
☐ Issue Fee ☐ Publication Fee (N	lo small entity discount n	nermitted)	A check is enclosed. Payment by credit ca	ed Form PTO 2038	is attached	
Advance Order - # of Copies			The Director is heret overpayment, to Dep	v authorized to char	ge the required fee(s) any de	ficiency, or credit any n extra copy of this form).
5. Change in Entity Stat	tus (from status indicated	i above)	_			
	s SMALL ENTITY statu				L ENTITY status. See 37 CI	
interest as shown by the i	ecords of the United Sta	aired) will not be accepted tes Patent and Trademark	office.	the applicant; a regi	stered attorney or agent; or th	e assignee or other party in
Authorized Signature		•		Date	· · · · · · · · · · · · · · · · · · ·	
Typed or printed name Registration No						
Aickandila, Viigina 223	13-1430.				ne public which is to file (and ninutes to complete, includin mments on the amount of tin Trademark Office, U.S. Depa . SEND TO: Commissioner in lisplays a valid OMB control	



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

		· ·	<u> </u>	
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/506,708	09/07/2004	Louis T. Klauder JR.	BENDS2	3553
7:	590 01/10/2007		EXAM	INER
Gary M Cohen			FREJD, RUSSE	ELL WARREN
Strafford Building	Number Three		ART UNIT	PAPER NUMBER
Suite 300 125 Strafford Aver Wayne, PA 19087-	· · · · ·		2128 DATE MAILED: 01/10/200	7

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.